



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.9502
Job Sheet 166723-G



Part No: 646.9502

Job Qty: 1 ea

Part Name: 206A/B/L-Series Cable Cutter System, Low



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 10/16/17

Job Tracking No:

Due Date: 11/24/17

Created By: Victoria Michaud-Febrille

Type: Stock

Description:

Customer: L3 Army Fleet Support LLC (CARMY01)

Army Fleet Support Cairns Field Bldg 30300 Specker Street Fort Rucker, AL, 36362 USA ph:(334) 255-8373

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Due Date	Standard		Workcenter/Supplier	
				Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time
90	Start up Operation	1 Ea	11/24/17	0.00	0.00	Start up container	
110	Packaging	1 pcs	11/24/17	0.00	0.00	Packaging1	
120	QC	1 pcs	11/24/17	0.00	0.00	QC4	
125	DC	1 pcs	11/24/17	0.00	0.00	DC	
130	Packaging	1 pcs	11/24/17	0.00	0.00	Packaging3	
140	QC21-FG	1 Ea	11/24/17	0.00	0.00	QC21	

Part Op 125 - Photocopy bluefile & type labels per PPP 646.9502

Descriptions: 130 - Identify and pack for shipping as per PPP 646.9502 Location :FG101

DEC 22 2017

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	600.0990	1 ✓	17	0	0
	600.0991	1 ✓	5	0	0
	600.1012	1 ✓	11	0	0
	646.9601	1 ✓	4	0	0
	646.9603	1 ✓	2	0	0
	646.9810	1 ✓	2	0	0
	646.9910	4 ✓	0	0	0
	647.0110	1 ✓	2	0	0
	647.0111	1 ✓	19	0	0
	647.0112	8 ✓	161	0	0
	647.0113	2 ✓	34	0	0
	647.0114	1 ✓	44	0	0
	647.0115	1 ✓	39	0	0
	647.0116	2 ✓	42	0	0
	647.0210	1 ✓	1	0	0
	647.0310	2 ✓	17	0	0
	647.0410	1 ✓	20	0	0
	647.1210	1 ✓	21	0	0
	AN3-10A	8 ✓	38	0	0
	AN3-11A	8 ✓	77	0	0
	AN3-3A	1 ✓	96	0	0
	AN743-13	1 ✓	27	0	0
	CCR264SS-3-06	8 ✓	207	0	0
	CCR264SS3-04	12 ✓	57	0	0
	CCR264SS3-02	4 ✓	100	0	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Re-verify ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐ Large Fab ☐ Composite ☐ Supplier ☐			
Date: _____		Step: _____		MRB (QSI042) Approval			
Description Work Or		Job No: 166723-G Mfg Date: 12/22/17 Start up Operation 646.9502 Change No: Revision: PART NO: 206A/B/L - Series Cable Cutter System, Low Barcode: S026709 DART AEROSPACE 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com					
		Completed By		Lead hand / Supervisor Approval Verification		QC / QA Coordinator Approval	
Root Cause Environment ☐ No Re-verification ☐ Design ☐ Operator ☐ Doc/Data ☐ Offset/Setup ☐ Equip/Tooling ☐ Supplier ☐ Handling/Pre ☐ Training ☐ Material ☐ Use for Testing ☐ Internal Transport ☐ Poor Information ☐ Tribal Knowledge ☐ Rushing ☐ LOA ☐ Product Improvement ☐ Substation ☐ Process Improvement ☐ Past Expiry Date ☐ Manufacturing Process ☐ Misidentified ☐ Past Due ☐		Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Broken ☐ Inspection Incomplete ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER: _____							

Specifications could not be found.

Part Specifications

CR3212-44	01 5017655	1 ✓	390	0	0
CR3212-5-4	01 5017650	8 ✓	123	0	0
CR3213-4-05	FM1338326-3	26 X6 ✓	294	0	0
CR3213-4-1	5017640	14 ✓	300	0	0
CR3213-4-2	5017638	18 ✓	343	0	0
CR3213-4-3	5017636	18 ✓	370	0	0
CR3213-4-4	FM1373567X12	19 ✓	250	0	0
CR3213-4-6	5017612	20 ✓	397	0	0
MS2104208	5017611	54 ✓	0	0	0
MS2104203	5017610	17 ✓	0	0	0
MS21047-3	5017603	6 ✓	233	0	0
MS21059-3	5017600	2 ✓	411	0	0
MS21059L08	5017598	4 ✓	62	0	0
MS24694-S8	5017597	5 ✓	185	0	0
MS27039-08-06	5017596	4 ✓	25	0	0
MS27039-08-09	5017595	4 ✓	148	0	0
MS27039-08-11	5017593	43 ✓	1,598	0	0
MS27039-08-12	5017591	2 ✓	696	0	0
MS27039-08-13	5017590	6 ✓	191	0	0
MS27039-1-08	5017549	5 ✓	515	0	0
MS27039-1-11	5017547	5 ✓	240	0	0
MS35842-11	5017546	1 ✓	39	0	0
NAS1149F0332P5017524		62 ✓	3,231	0	0
NAS1149FN832P5017531		111 ✓	4,525	0	0
NAS1835-08	5017533	4 ✓	149	0	0

5017655

5017640

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 01/06/10	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF:	CURRENT ORDER
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE	REASON: CORRECTED PARTS LIST ERRORS					

17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	601.2764	111	111	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						DER REVIEW REQUIRED ☐ YES ☒ NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500		REV IN/C	PREPARED BY S. HUFF	DATE: 12/23/09	EFFECT ON DWG ☐ INC. ☒ UNINC.
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	MEG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE		REASON: HARDWARE REVISIONS FROM FIRST INSTALL				

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						DER REVIEW REQUIRED ☐ YES ☒ NO

QTY		PARTS LIST	
NEXT ASSY (\$)		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA, 92036-3512 (760)724-5300	
ORIGINAL DATE (MM-DD-YY) DESIGNED BY DRAWN BY REV. BY DATE OF APPROVAL CONTRACT NO.		206 CALCA CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		SEE CALCA CODED DTD NO 07/26/82 646.9500 REV SCALE NONE SHEET 1 OF 3	